

JOHN D. POFFENBERGER
BRUCE TITTEL
DONALD F. FREI
DAVID J. JOSEPHIC
DAVID S. STALLARD
J. ROBERT CHAMBERS
GREGORY J. LUNN
KURT L. GROSSMAN
CLEMENT H. LUKE, JR.
THOMAS J. BURGER
GREGORY F. AHRENS
WAYNE L. JACOBS
KURT A. SUMME
KEVIN G. ROONEY
KEITH R. HAUPT
THEODORE R. REMAKLUS
THOMAS W. HUMPHREY
SCOTT A. STINEBRUNER
DAVID H. BRINKMAN
BEVERLY A. LYMAN, Ph.D.

WOOD, HERRON & EVANS, L.L.P.
2700 Carew Tower
441 Vine Street
Cincinnati, Ohio 45202-2917
Telephone: 513-241-2324
Facsimile: 513-421-7269
EMAIL: info@whepatent.com

PATENT, TRADEMARK, COPYRIGHT
AND UNFAIR COMPETITION LAW
AND RELATED LITIGATION

EDMUND P. WOOD 1923-1968
TRUMAN A. HERRON 1935-1976
EDWARD B. EVANS 1936-1971

SEP 08 2005 JOSEPH R. JORDAN
C. RICHARD EBY

DAVID E. PRITCHARD
J. DWIGHT POFFENBERGER, JR.

KATHRYN E. SMITH
KRISTI L. DAVIDSON
P. ANDREW BLATT, Ph.D.
DAVID E. JEFFERIES
WILLIAM R. ALLEN, Ph.D.
JOHN PAUL DAVIS
DOUGLAS A. SCHOLER
BRETT A. SCHATZ
DAVID W. DORTON, M.M.E.

TECHNICAL ADVISOR
HENRY M. LABODA, Ph.D.

FACSIMILE COVER SHEET

If transmission is interrupted or of poor quality,
please notify us immediately by calling 513 \
241-2324.

Ask for sender's secretary.

TO: Examiner Henry Choe
U.S. Patent and Trademark Office

RE: U.S. Patent Application Serial
No. 10/679,873

FROM: Kurt A. Summe, Esquire

Our Ref.:

ANCD8905

Pages (including cover page): 4

Fax No.: 571.273.8300

Date: September 8, 2005

MESSAGE: When we examined the Office Action mailed May 4, 2005, we noted that you did not return initialed pages 2 and 3 of Form PTO-1449 that were filed with the IDS on March 2, 2004. We attach these two pages and request that you initial them and return them to us via facsimile at (513) 421-7269.

The information in this facsimile message is
ATTORNEY-CLIENT PRIVILEGED, WORK PRODUCT and/or CONFIDENTIAL INFORMATION

Intended only for the use of the individual or entity to whom this fax is addressed. If the reader of this message is not the intended recipient or the employee or agent responsible for delivering it to the intended recipient, you are hereby notified that any dissemination, distribution or reproduction of this communication is strictly prohibited. If you have received this communication in error, please immediately notify us by telephone and return the original message to us at the above address via United States Postal Service. Thank you.

SEP 08 2005

Sheet 2 (B) of 3

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
ANCO/89USSERIAL NO.
10/679,873INFORMATION DISCLOSURE
STATEMENT BY APPLICANTAPPLICANT
Robert Everest Johnson et al.Confirmation No.
3837

(37 CFR 1.98(b))

(Use several sheets if necessary)

FILING DATE
October 6, 2003GROUP
2817

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	B.A						
	B.B						
	B.C						
	B.D						
	B.E						
	B.F						
	B.G						
	B.H						
	B.I						
	B.J						
	B.K						

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
	B.L						
	B.M						
	B.N						
	B.O						
	B.P						
	B.Q						

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

B.R	White, Paul E. et al., <u>Digital Baseband Receiver in a Multi-carrier Power Amplifier</u> , U.S. Patent Application Serial No. 10/091,756, filed on March 6, 2002.
B.S	DeBruyn, William P. et al., <u>An Uncorrelated Adaptive Predistorter</u> , U.S. Patent Application Serial No. 10/342,633, filed on January 15, 2003.
B.T	Leffel, Michael D., <u>Independence Between Paths That Predistort for Memory and Memory-less Distortion in Power Amplifiers</u> , U.S. Patent Application Serial No. 10/406,959, filed on April 3, 2003.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not in conformance. Draw line through citation only if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)

SEP 08 2005

Sheet 3 (C) of 3

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. ANCO/89US		SERIAL NO. 10/679,873	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b)) (Use several sheets if necessary)				APPLICANT Robert Everest Johnson et al.		Confirmation No. 3837	
				FILING DATE October 6, 2003		GROUP 2817	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	C.A						
	C.B						
	C.C						
	C.D						
	C.E						
	C.F						
	C.G						
	C.H						
	C.I						
	C.J						
	C.K						
FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS							
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
	C.L						
	C.M						
	C.N						
	C.O						
	C.P						
	C.Q						
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)							
	C.R	Bachman, II et al., <u>Elimination of Peak Clipping and Improved Efficiency for RF Power Amplifiers with a Predistorter</u> , U.S. Patent Application Serial No. 10/625,761, filed on July 23, 2003.					
	C.S						
	C.T						
EXAMINER				DATE CONSIDERED			
EXAMINER: Initial if citation considered, whether or not in conformance. Draw line through citation only if not in conformance and not considered. Include a copy of this form with next communication to applicant.							

Substitute Disclosure Form (PTO-1449)

Sheet 1(A) of 3

SUBSTITUTE FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
ANCO/89USSERIAL NO.
10/679,873INFORMATION DISCLOSURE
STATEMENT BY APPLICANTAPPLICANT
Robert Everest Johnson et al.Confirmation No.
3837FILING DATE
October 6, 2003GROUP
2817

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
H. c.	AL	EP 0 387 457 B1	27.03.1996	EPO	H03F	1/32	Yes
H. c.	AM	EP 0 948 131 B1	27.03.2002	EPO	H03F	1/32	Yes
H. c.	AN	EP 0 998 026 A1	03.05.2000	EPO	H03F	1/32	Yes
H. c.	AO	WO 97/08822	06.03.1997	WIPO	H03F	1/32	Yes
	AP						
	AQ						

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

H. c.	AR	Lohtla, Anit et al., "Power Amplifier Linearization using Cubic Spline Interpolation", <u>IEEE</u> , (1993), No. 0-7803-1268-x/93, pp. 676-679.
H. c.	AS	Stapleton, Shawn P., "Amplifier Linearization Using Adaptive Digital Predistortion - The need for greater linearity can be addressed at the digital coding level", <u>Applied Microwave & Wireless</u> , Technical Feature, (February 2001), pp.72-77.
H. c.	AT	Vella-Coleiro, George, <u>Frequency-Dependent Phase Pre-Distortion for Reducing Spurious Emissions in Communication Networks</u> , U.S. Patent Application Serial No. 10/066,343, filed on February 5, 2002.

EXAMINER

Henry choe

DATE CONSIDERED

3/11/05

EXAMINER: Initial if citation considered, whether or not in conformance. Draw line through citation only if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)